

We claim:

1. A method for minimizing corrosion of metal devices used for assembling wood constructions, comprising:

5 providing a first wood component and a second wood component to be connected together using a metal connector device fastened to the wood components by metal fasteners, at least one of said components being pretreated with a preservative selected from the group consisting of alkaline copper quat, ammoniacal copper quat, and copper azole;

10 applying onto all such pretreated wood component surfaces that would otherwise contact said metal connector device, a continuous membrane barrier comprising a carrier support layer and, attached to said carrier support layer, a preformed pressure-sensitive waterproofing adhesive layer operative to seal around metal fasteners driven through said membrane barrier; and

15 driving through said membrane barrier-applied, pretreated wood surface at least one metal fastener to fasten to said pretreated wood component surface or surfaces a metal device, whereby said metal connector operates to connect said first and second wood components together but is separated from surfaces of wood pretreated with alkaline copper quat, ammoniacal copper quat, or copper azole.

2. The method of claim 1 wherein both of said first and second wood components are pretreated with a preservative selected from the group consisting of alkaline copper quat, ammoniacal copper quat, and copper azole; both of said wood components having a plurality of surfaces, at least one surface of each of which is employed as a contacting surface for contacting said metal connector device and said fasteners; said method further comprising applying onto contacting surfaces of each of said first and second wood components a membrane barrier to separate surfaces of wood from said metal connector device.

3. The method of claim 1 wherein said first wood component is an elongate member, comprising at least one wood joist that is pretreated with a preservative selected from the group consisting of alkaline copper quat, ammoniacal copper quat, and copper azole, said elongate member having opposed end surfaces and surfaces immediately adjoining said opposed end surfaces covered by a membrane barrier.

4. The method of claim 3 further comprising attaching said first wood component to a rim joist after applying a membrane barrier to the area of said rim joist contacted by said first wood component and said metal device and fasteners employed in fastening said device to said first and second wood components.

5 5. The method of claim 1 wherein said first and second wood components are both pretreated with a preservative selected from the group consisting of alkaline copper quat, ammoniacal copper quat, and copper azole, and said first wood component is an elongate member comprising at least one wood joist, and said second wood component is also an elongate member comprising at least one wood joist;
10 said method further comprising applying a membrane barrier to corresponding abutting surfaces of said first and second wood components at areas whereby said first and second wood components abut, and fastening said wood components using metal fasteners to fasten a metal device operative to hold said wood components together at the location of abutment contact, all of said fasteners being driven through said
15 membrane barrier and sealed by said pressure-sensitive adhesive layer, and whereby said metal device is separated from direct contact with said first and second wood components by a membrane barrier.

6. The method of claim 1 wherein said first wood component is an elongate member comprising at least two joists having end surfaces which are flush
20 for abutting both together against said second wood component, said flush end surfaces being covered with a membrane barrier.

7. The method of claim 1 wherein said first and second wood components are both pretreated with a preservative selected from the group consisting of alkaline copper quat, ammoniacal copper quat, and copper azole; and said first wood
25 component comprises at least one joist and said second component is a rim wood joist attached to a building structure.

8. The method of claim 1 comprising
capping the ends of a plurality of wood joists with said membrane barrier and connecting said capped ends to a rim wood joist at a surface of which is covered by a
30 strip of membrane barrier, each of said wood joists and rim wood joists being pretreated with a preservative selected from the group consisting of alkaline copper quat, ammoniacal copper quat, and copper azole; and

connecting said joists together by fastening them to metal joist hangers using metal fasteners, said fasteners being separated from said wood joists by said membrane barriers, said membrane barriers operative to seal around metal fasteners driven into the wood through said membrane barriers.

5 9. The method of claim 8 further comprising applying a membrane barrier to the uppermost surfaces of said wood joist and wood rim joist.

 10. The method of claim 1 wherein said membrane barrier is non-water-absorptive.

 11. A wood structure made from the method of claim 1.

10 12. A wood assembly comprising wood joists pretreated with a preservative selected from the group consisting of alkaline copper quat, ammoniacal copper quat, copper azole, in accordance with the method of claim 9.

 13. The wood assembly of claim 12, wherein said wood joists are attached to a wood rim joist using metal joist hangers fastened to said joists using metal
15 fasteners driven into said wood joists, said joist hangers being separated from said joists by membrane barriers operative to seal around said fasteners driven into said joists to fasten said joist hangers to said joists.

 14. The method of claim 1 wherein said metal device and metal fasteners are made of galvanized steel.

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